Установка и настройка репликации для MySQL сервера

Microinvest

2018

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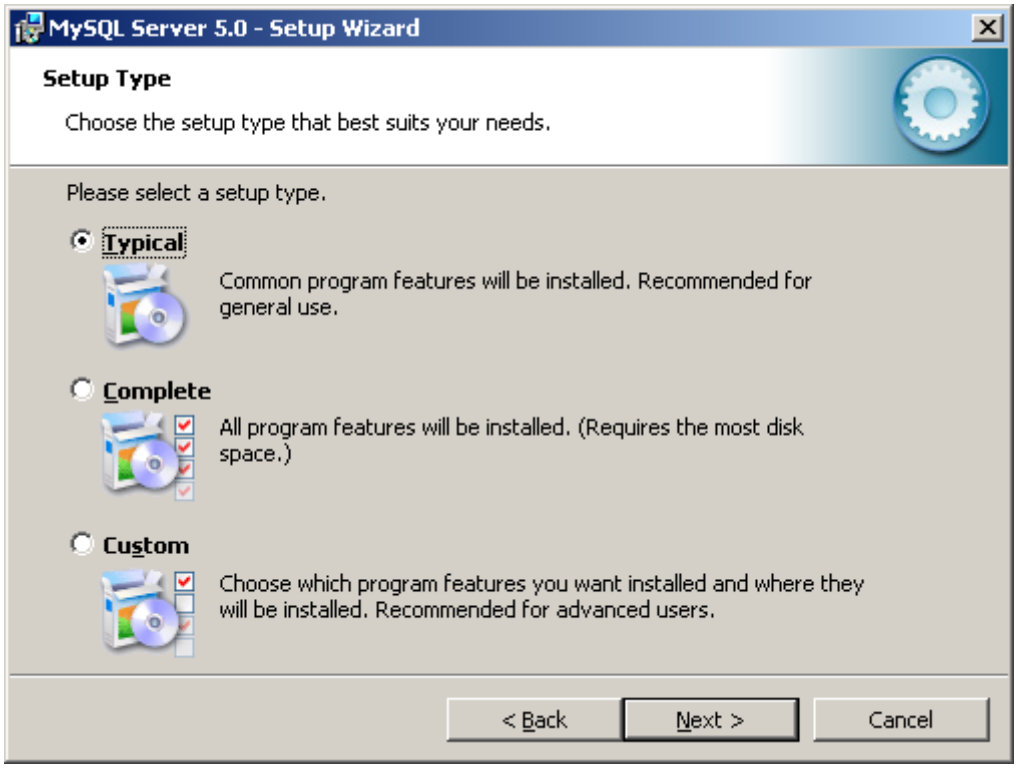
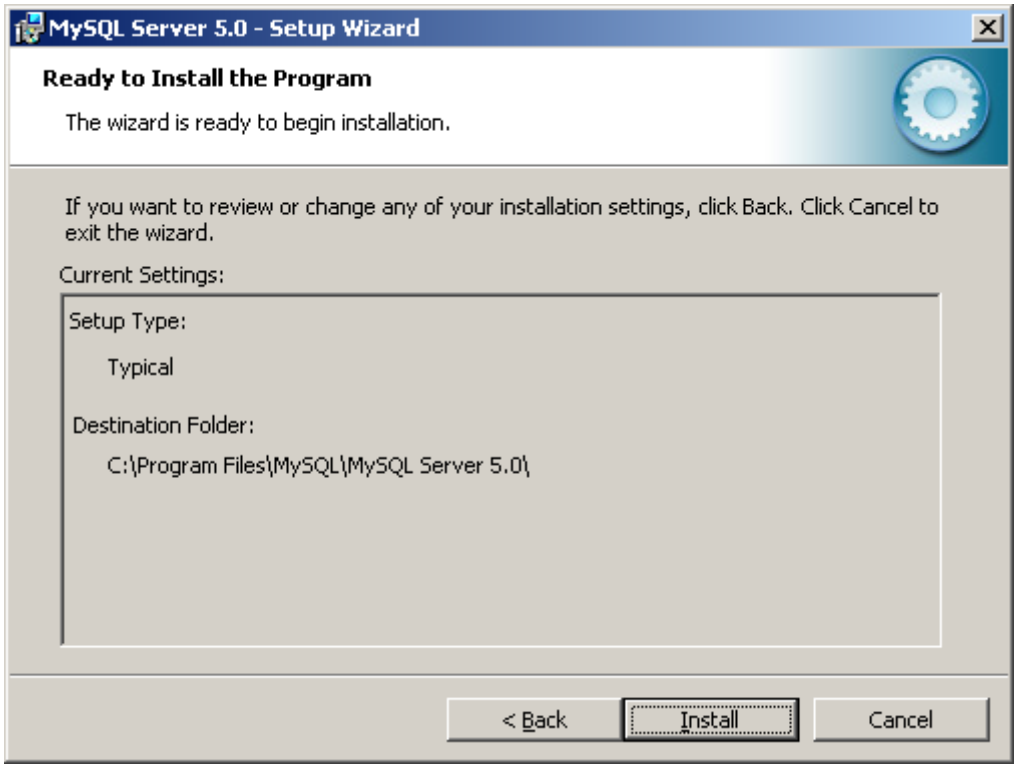
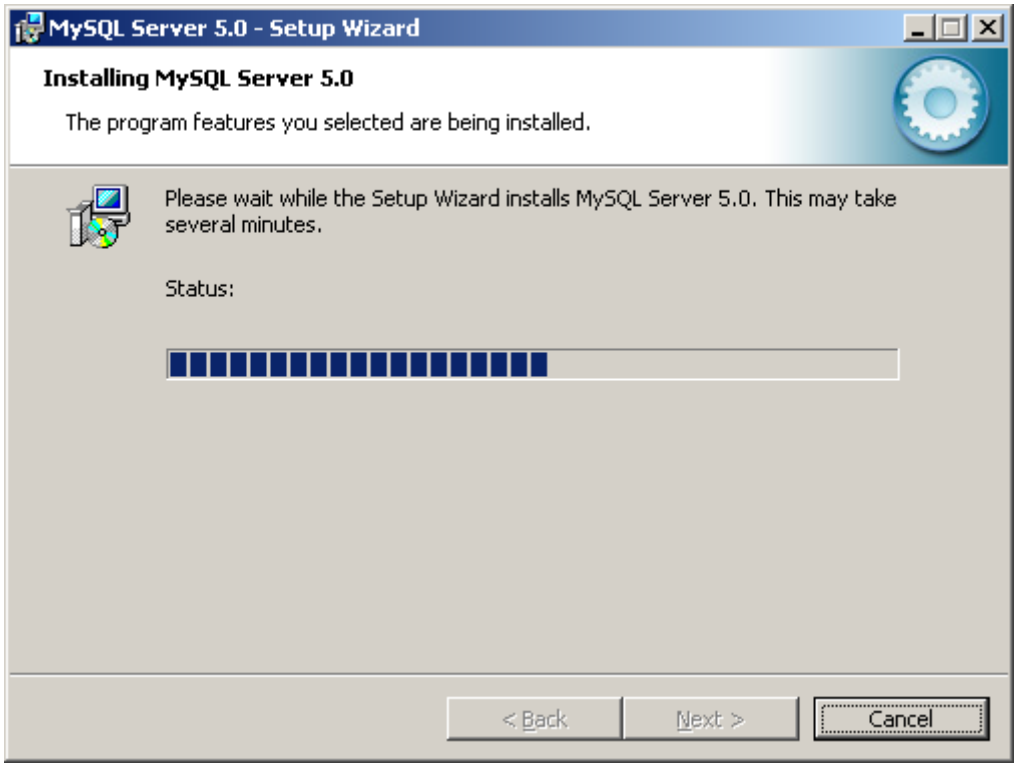
Установка

1. Устанавливаются:
   - mysql-essential-5.0 (или текущая версия с диска);




MySQL Server 5.0 - Setup Wizard
Ready to Install the Program
The wizard is ready to begin installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Current Settings:
Setup Type:
Typical
Destination Folder:
C:\Program Files\MySQL\MySQL Server 5.0\
< Back
Install
Cancel


MySQL Server 5.0 - Setup Wizard
Installing MySQL Server 5.0
The program features you selected are being installed.
Please wait while the Setup Wizard installs MySQL Server 5.0. This may take several minutes.
Status:
< Back
Next >
Cancel

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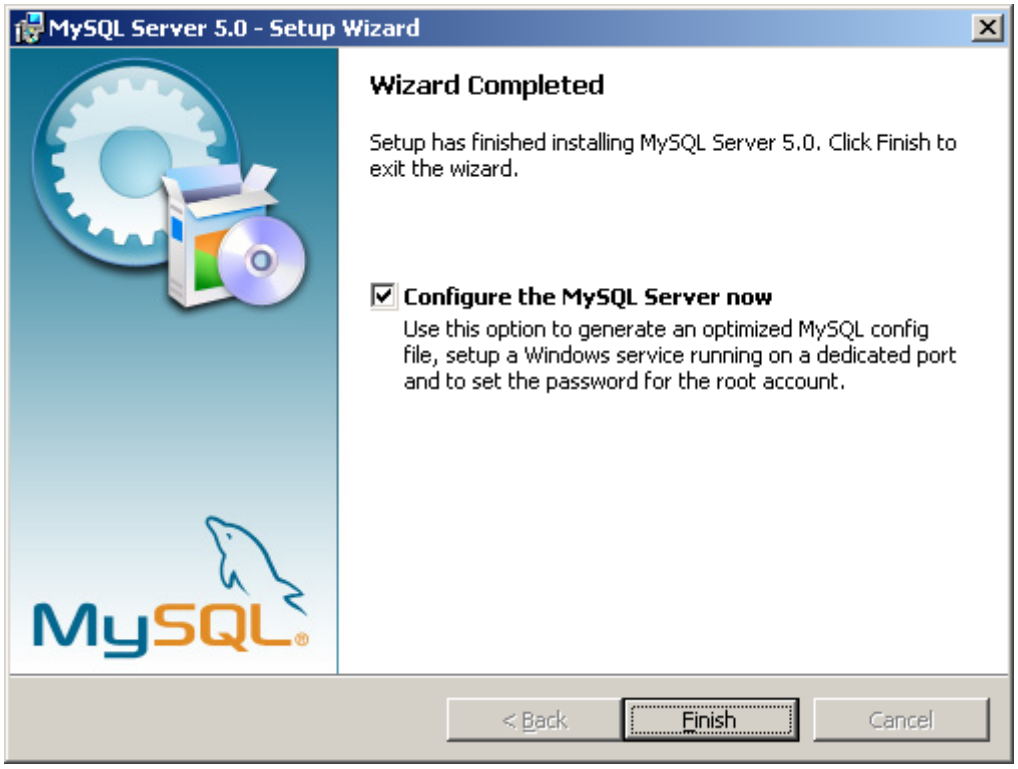

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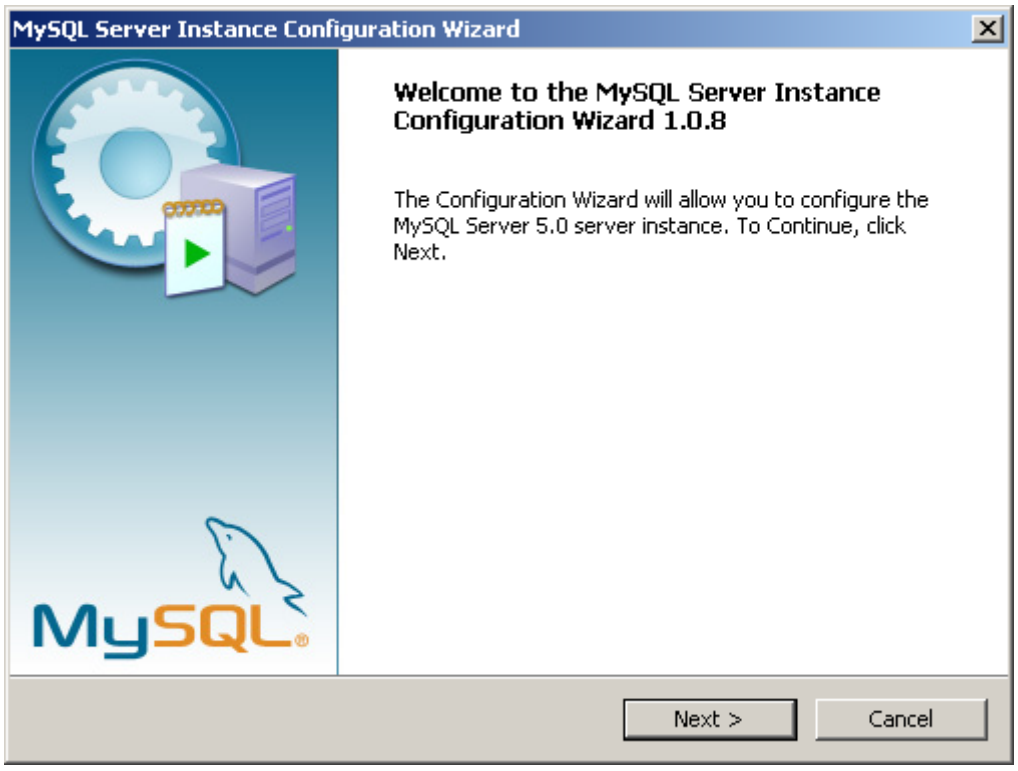
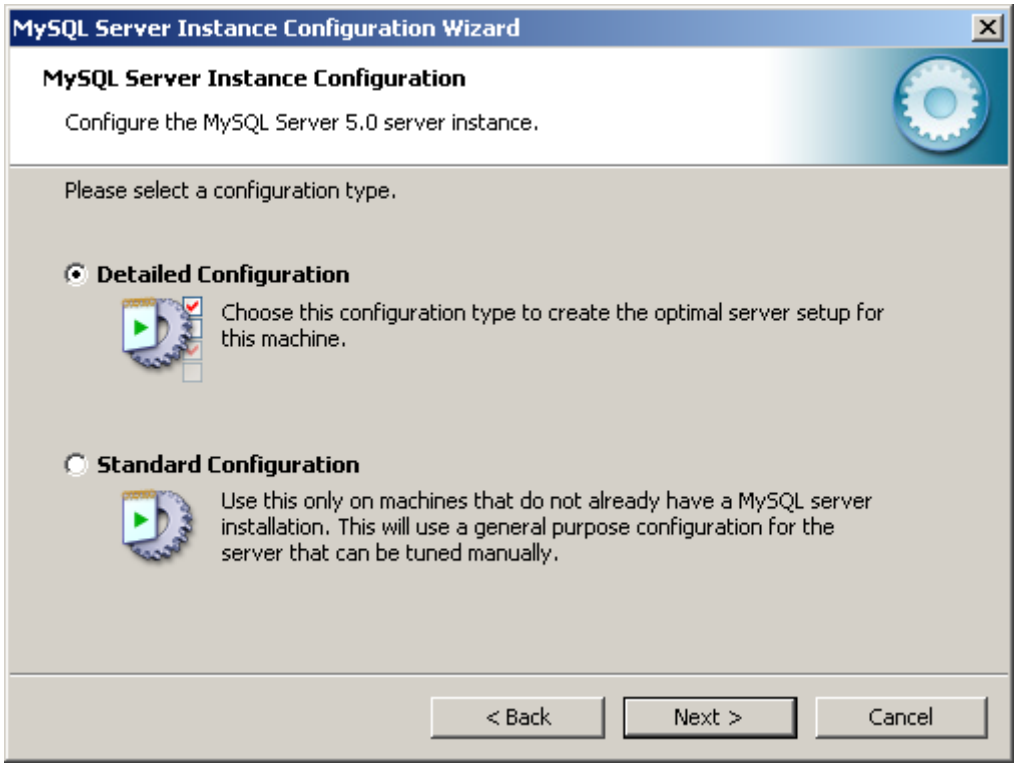
- MySQL Server Instance Configuration Wizard





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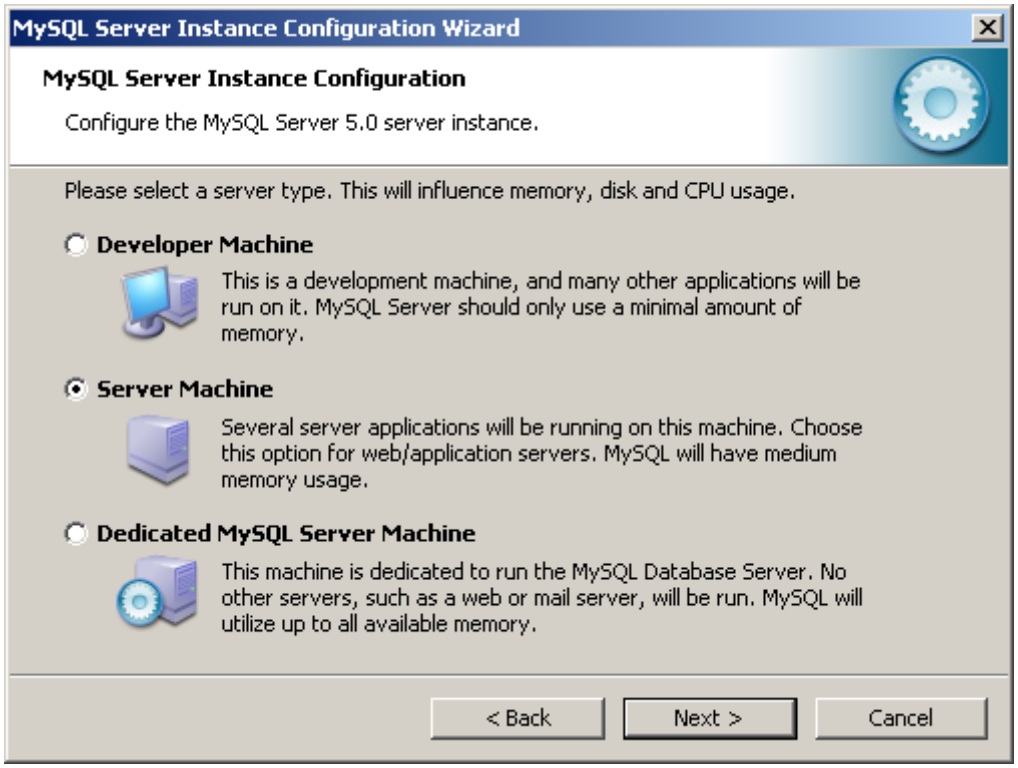

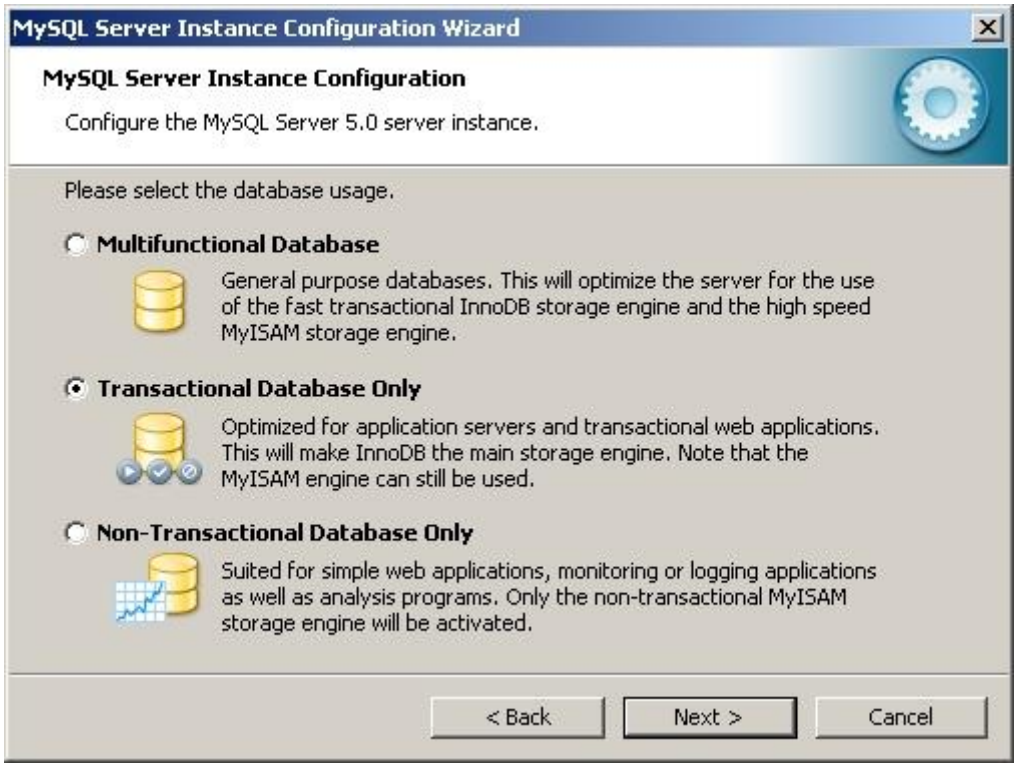

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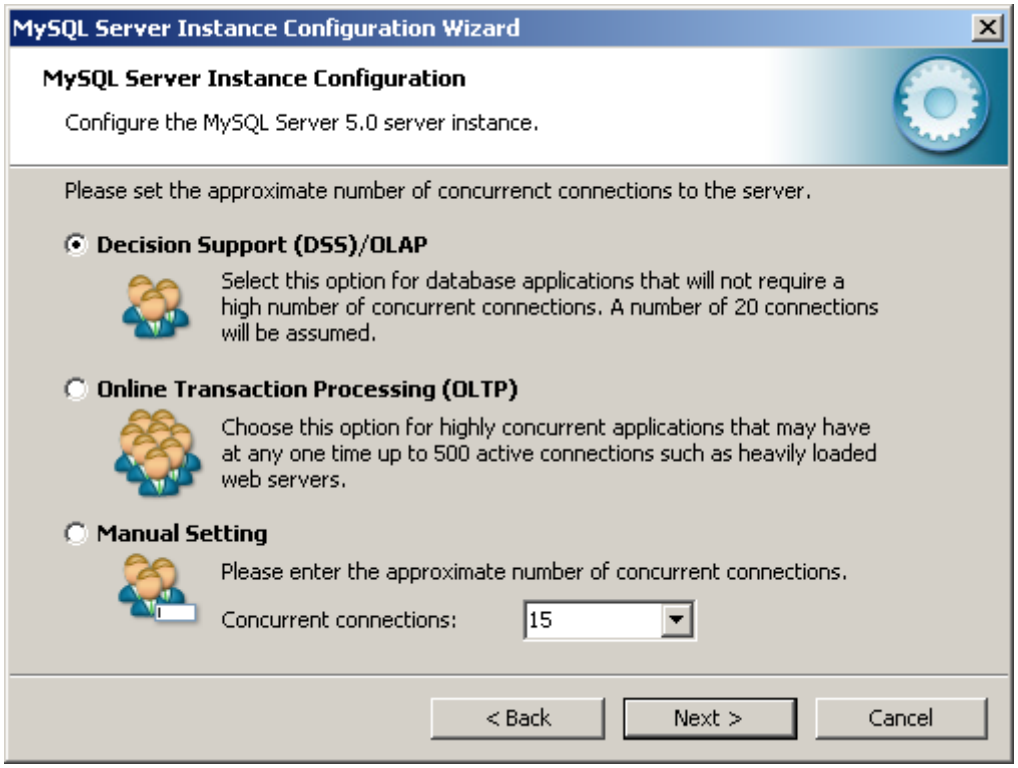

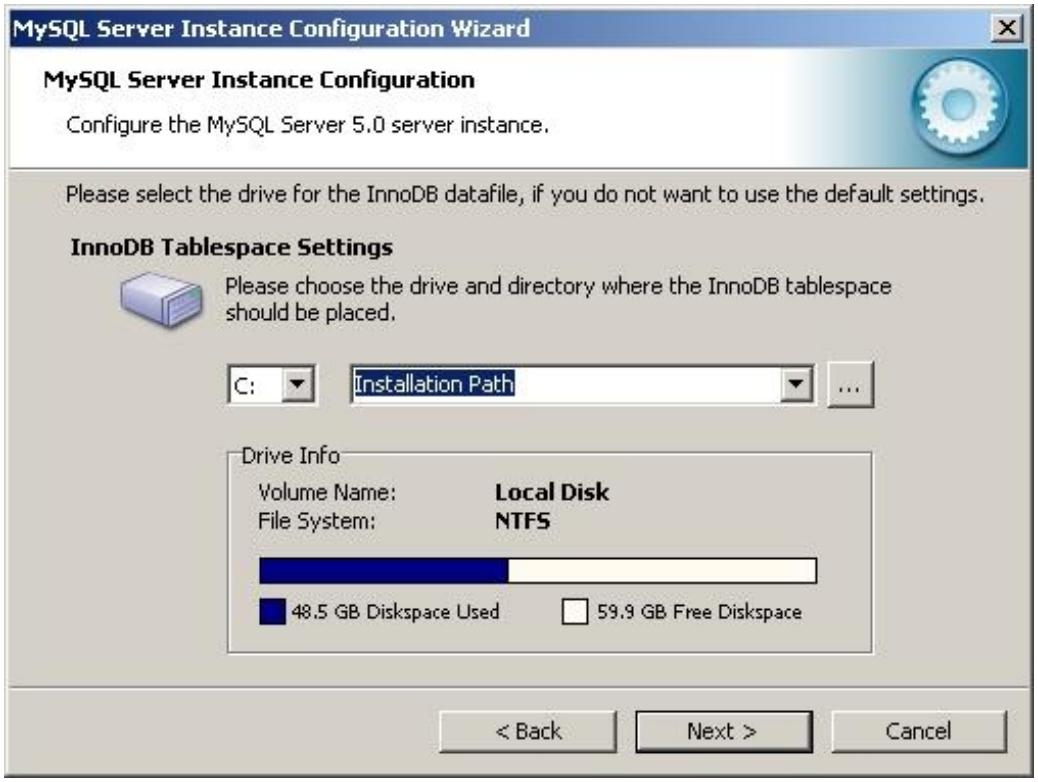

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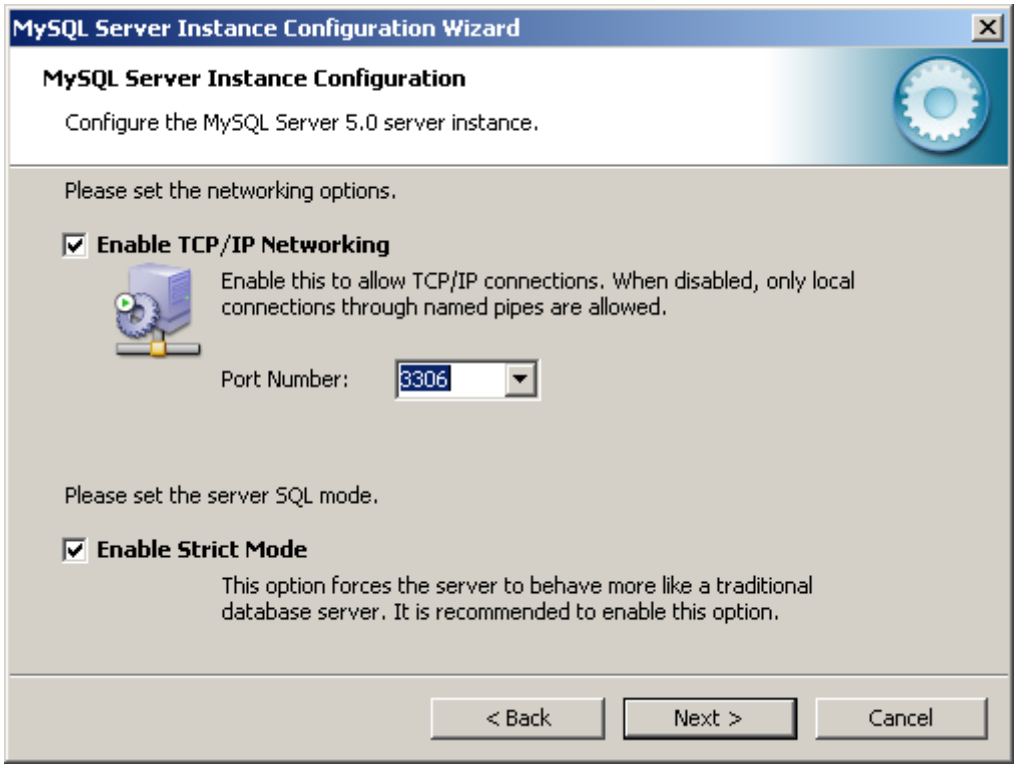

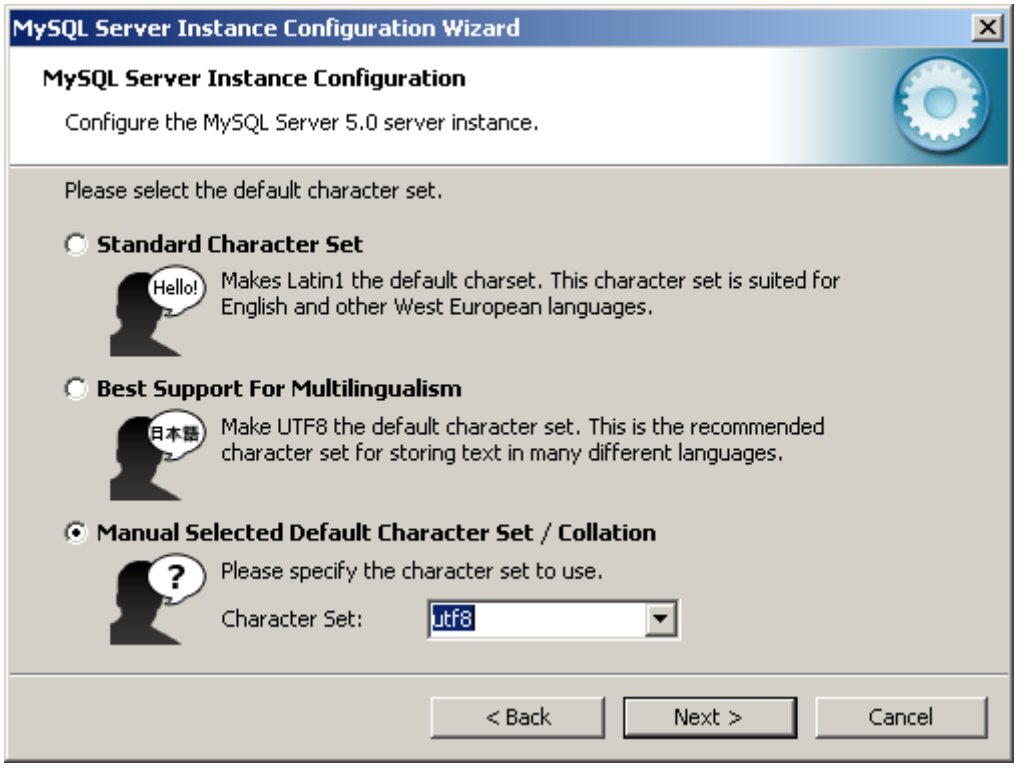

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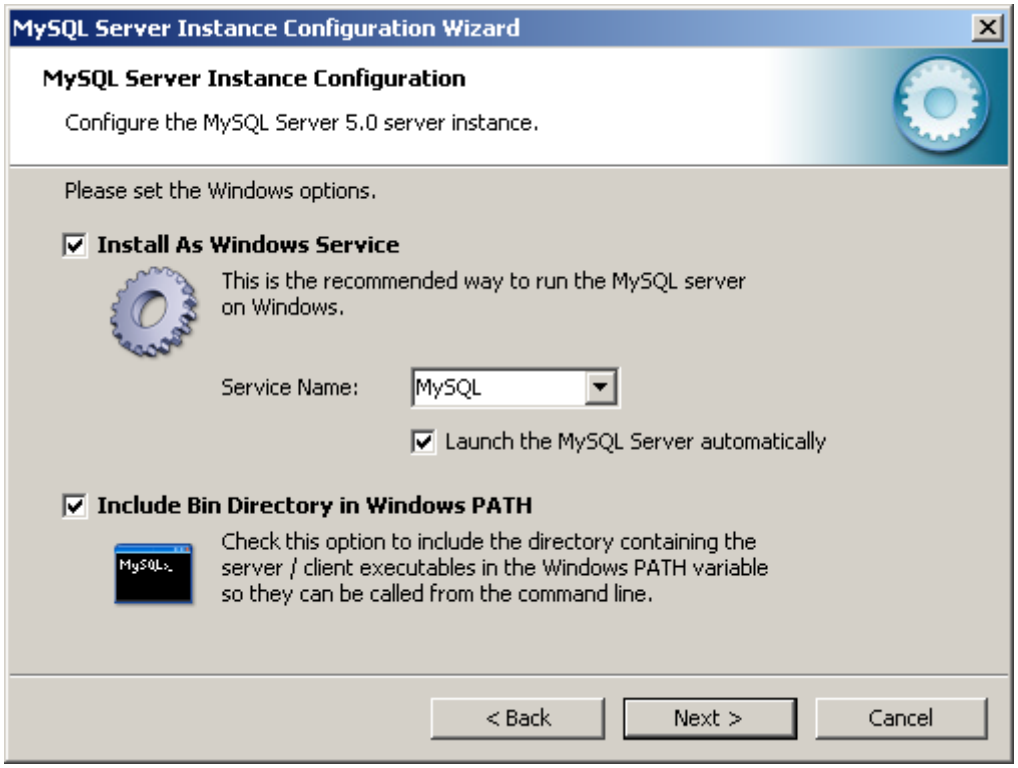

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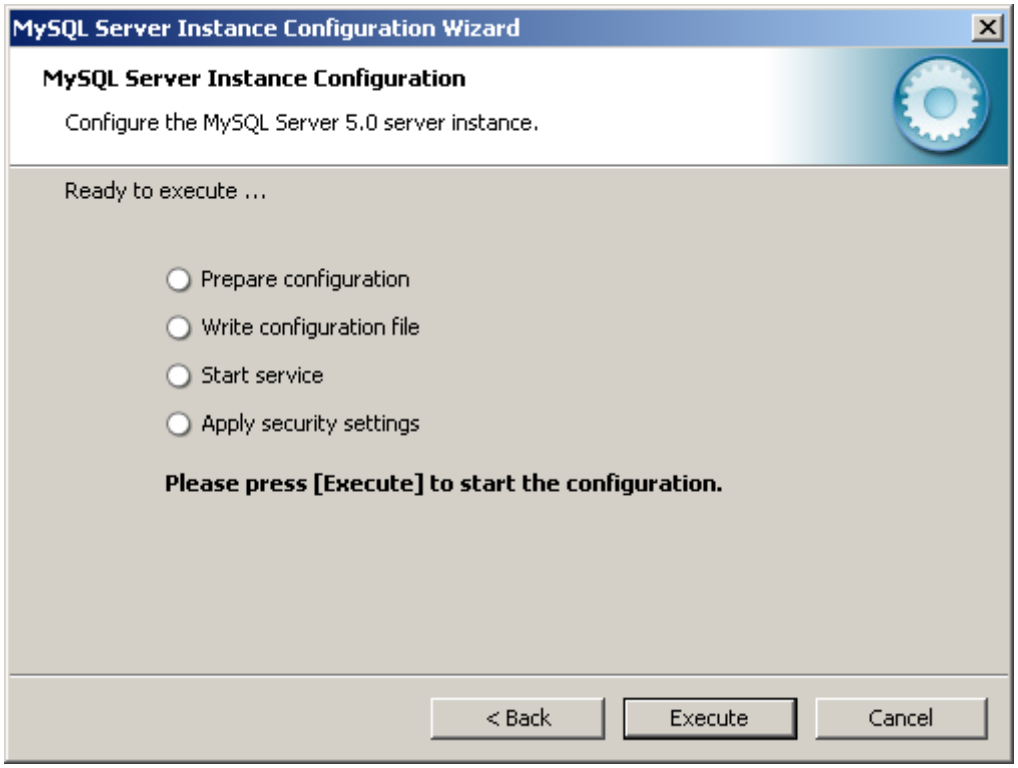
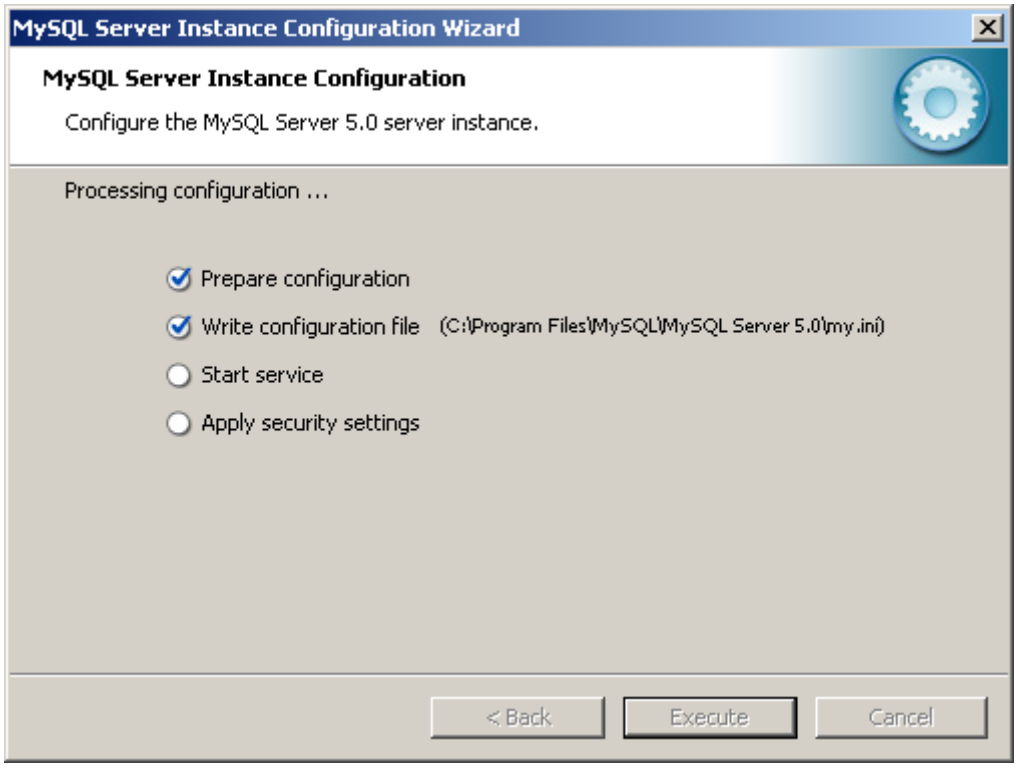
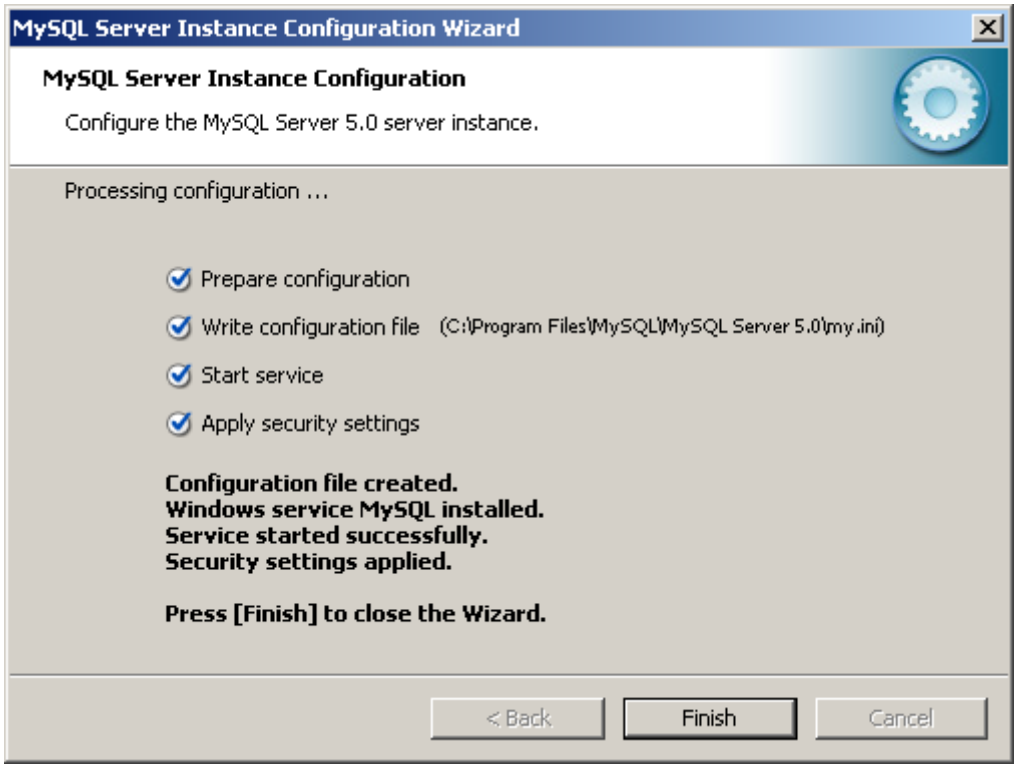
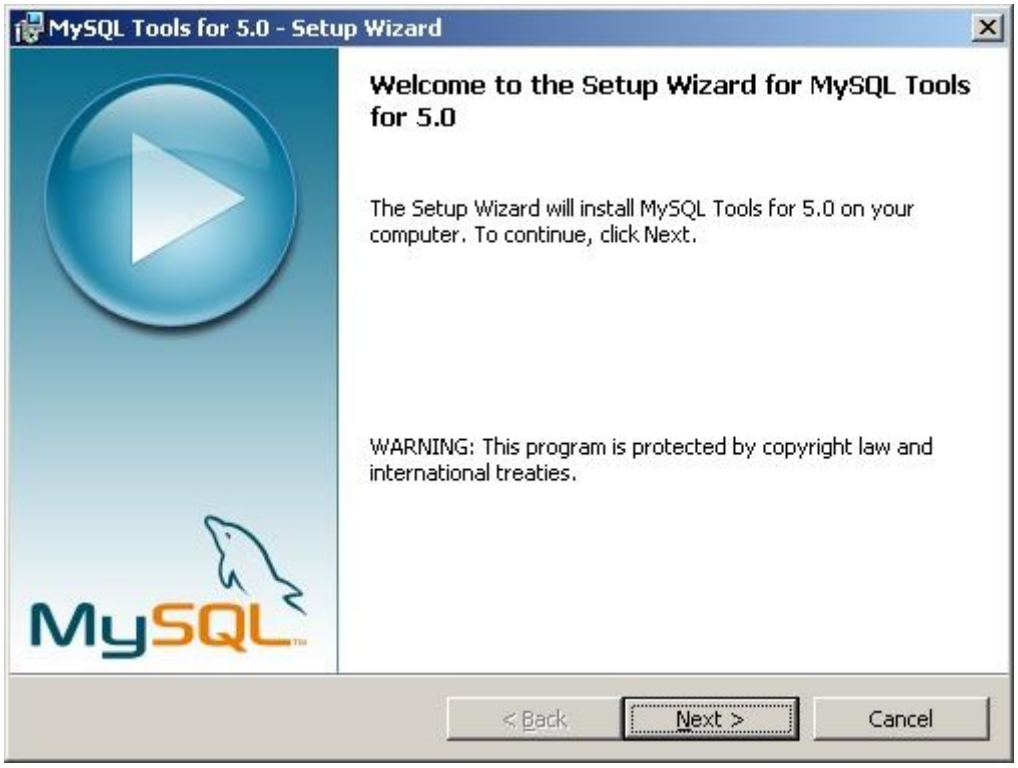
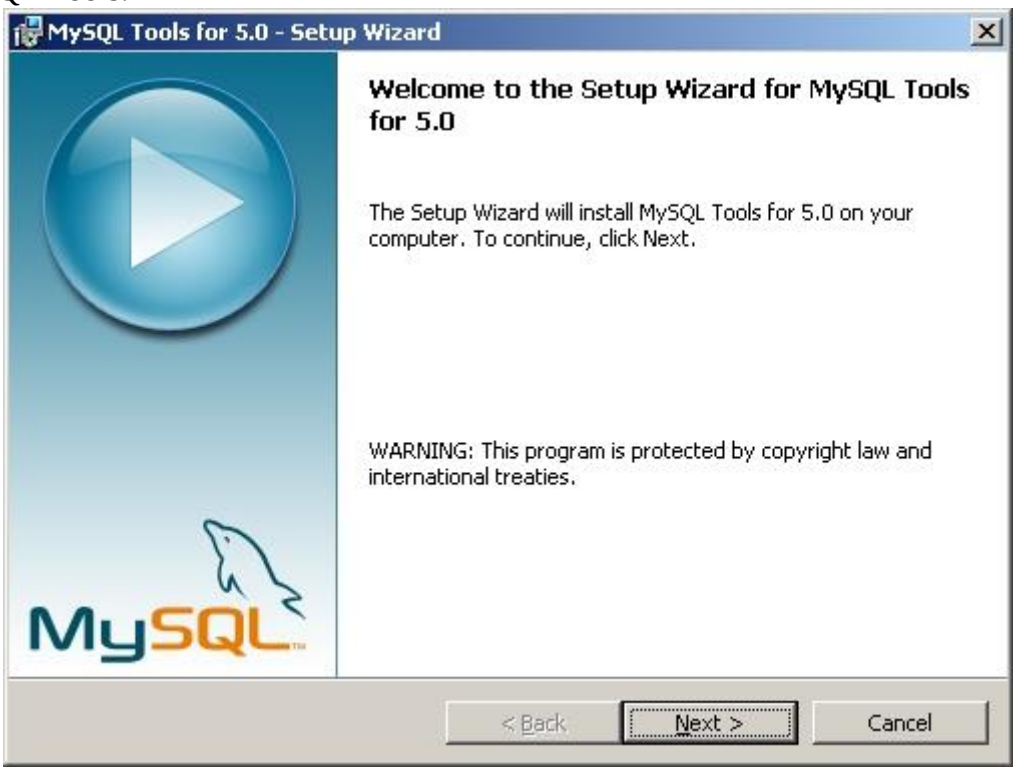





MySQL Server Instance Configuration Wizard
MySQL Server Instance Configuration
Configure the MySQL Server 5.0 server instance.
Processing configuration ...
Prepare configuration
Write configuration file (C:\Program Files\MySQL\MySQL Server 5.0\my.ini)
Start service
Apply security settings
Configuration file created.
Windows service MySQL installed.
Service started successfully.
Security settings applied.
Press [Finish] to close the Wizard.
< Back
Finish
Cancel


MySQL Tools for 5.0 - Setup Wizard
Welcome to the Setup Wizard for MySQL Tools for 5.0
The Setup Wizard will install MySQL Tools for 5.0 on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
MySQL
< Back
Next >
Cancel

- MySQL Tools: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MySQL
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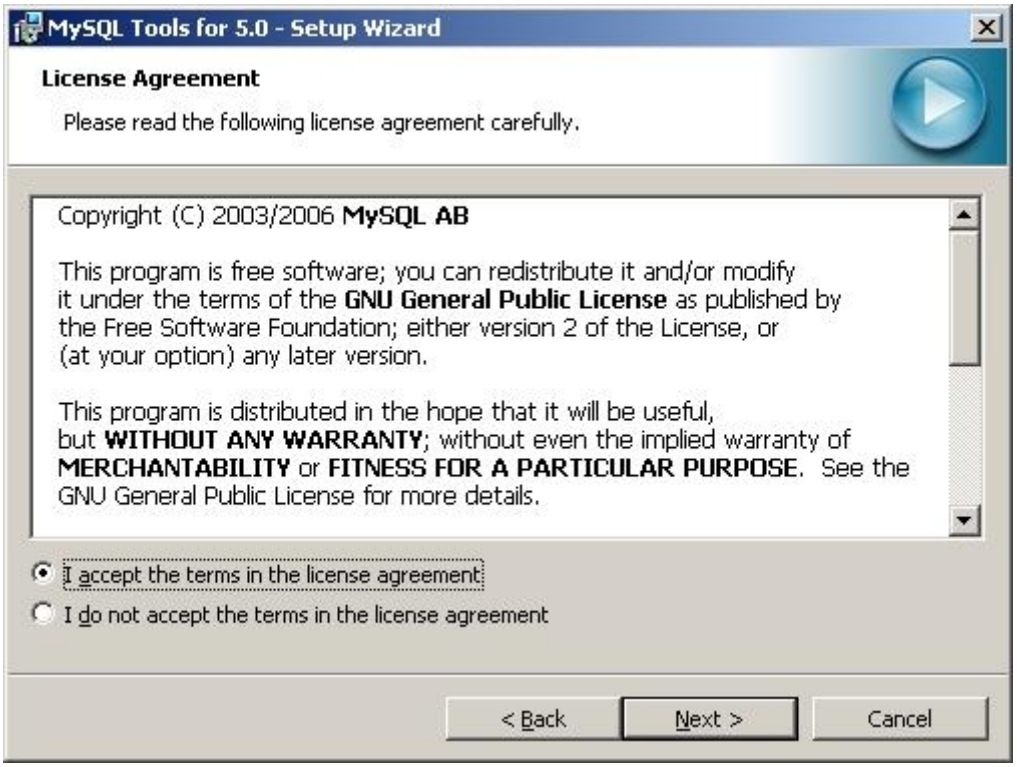
Next >
Cancel


MySQL Tools for 5.0 - Setup Wizard
License Agreement
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This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
I accept the terms in the license agreement
I do not accept the terms in the license agreement
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Next >
Cancel

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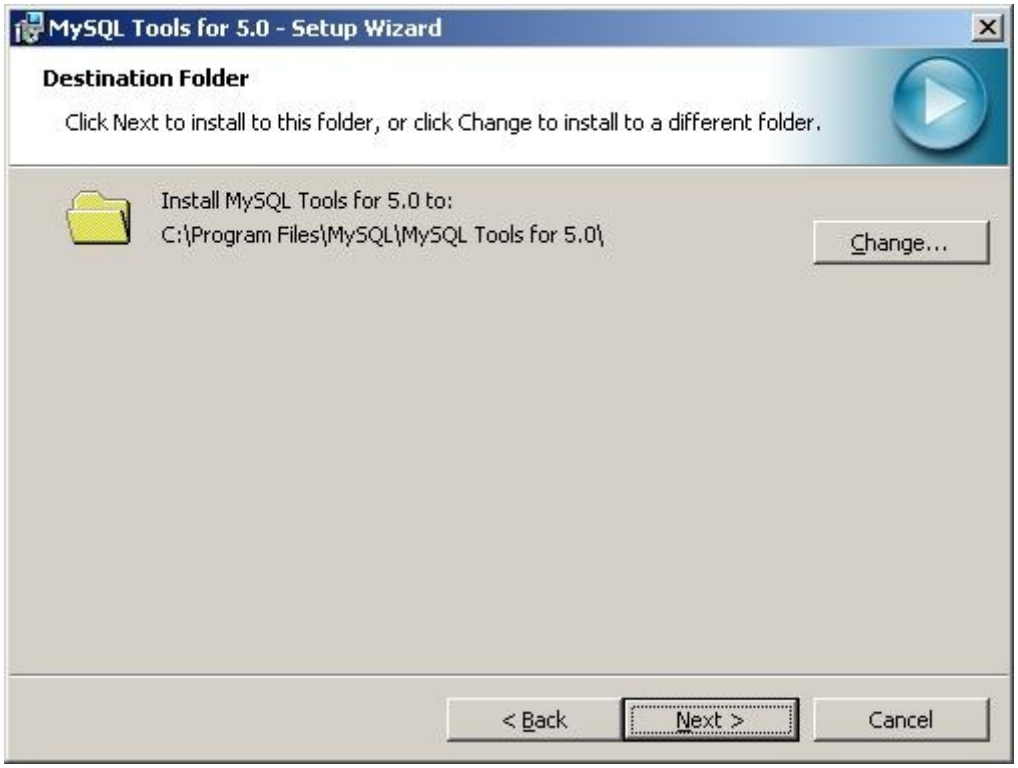

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2. Настроить Windows Firewall, добавив(открыв) в разделе Exceptions порт 3306. (Проверить видимость этого порта и при необходимости открыть их у интернет-провайдера).

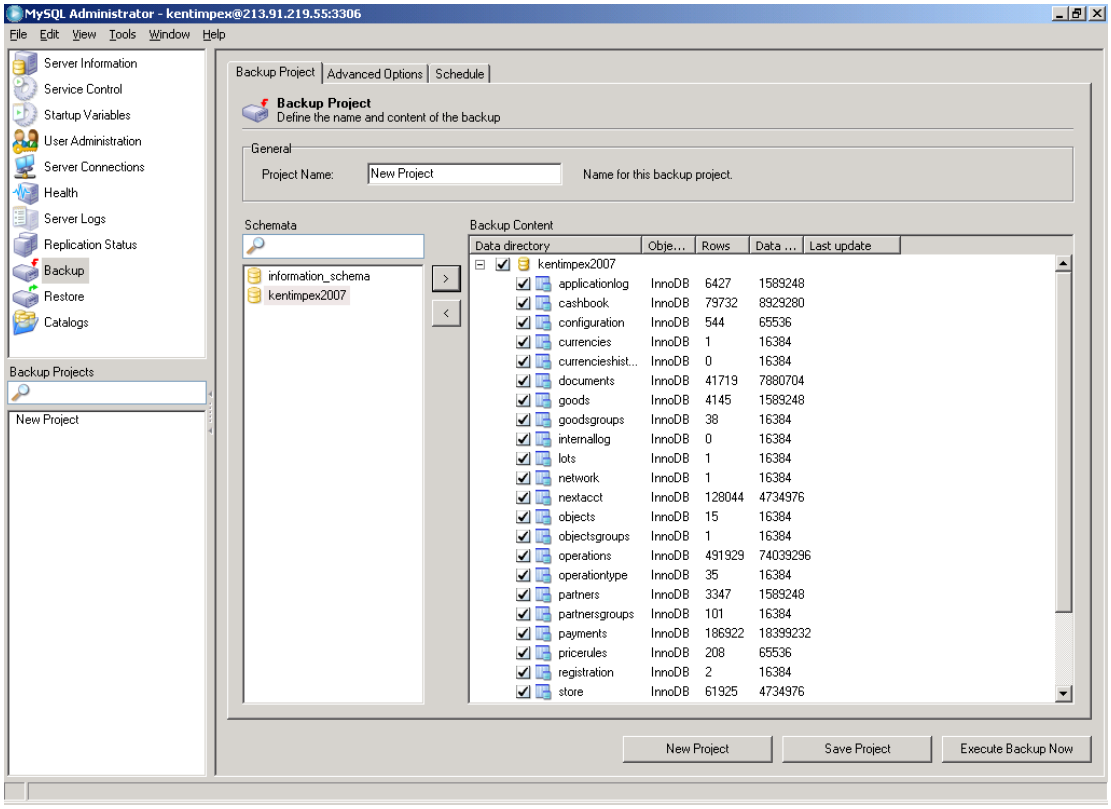
Настройка Master сервера:

1. Создать базу данных для репликации;
2. В файле „my.ini”,находящемся в директории MySQL Server добавить раздел:
   ```
   # Replication
   server-id=1
   log-bin=mysql-bin
   connect_timeout=60
   skip-name-resolve
   ```

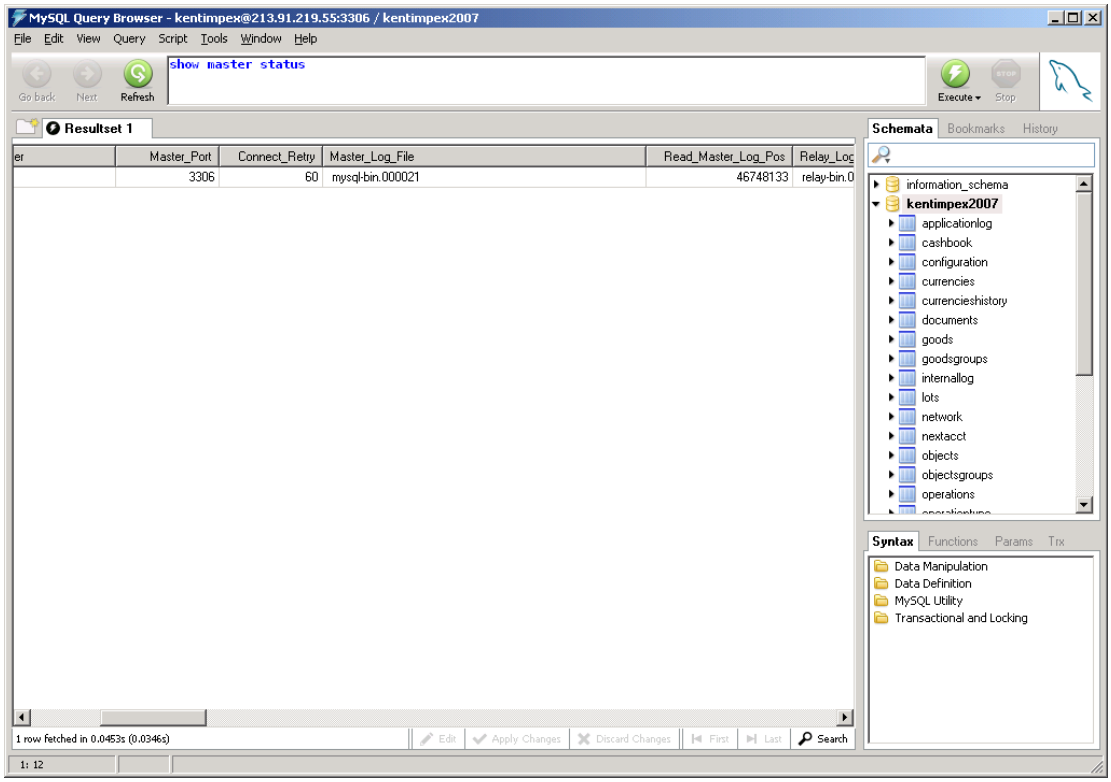
   Примечание: server id для Master „1”

3. Перезапустить MySQL Server;

4. Создать Backup базы данных с помощью MySQL Administrator, чтобы создать затем базы данных для slave.

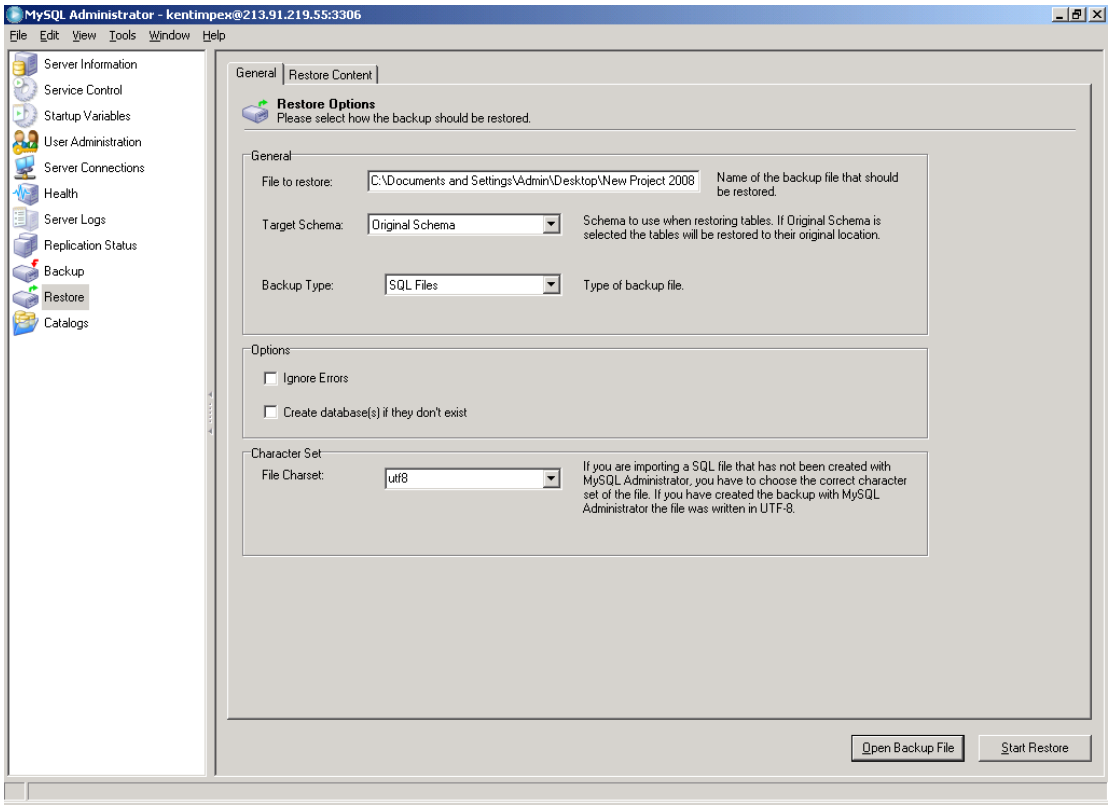


5. Выполнить команду „show master status” в MySQL Query Browser и записать log-файл и позицию.



Настройка Slave серверов:

1. Создать базу данных, выполнив Restore для Backup, созданного для Master;



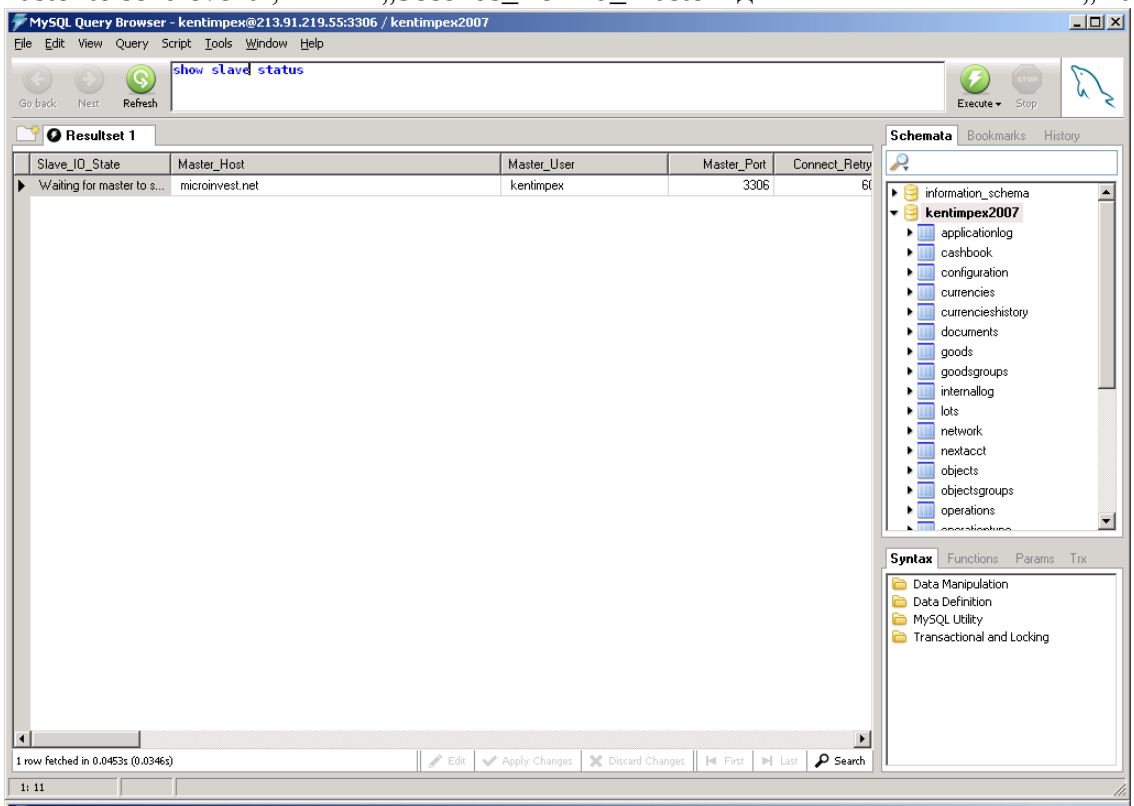
2. В файле „my.ini”, находящемся на MySQL Server добавить раздел:
   # Replication
   server-id=2
   connect_timeout=60
   skip-name-resolve
   slave-skip-errors=all
   relay-log=relay-bin
   slave_net_timeout=10

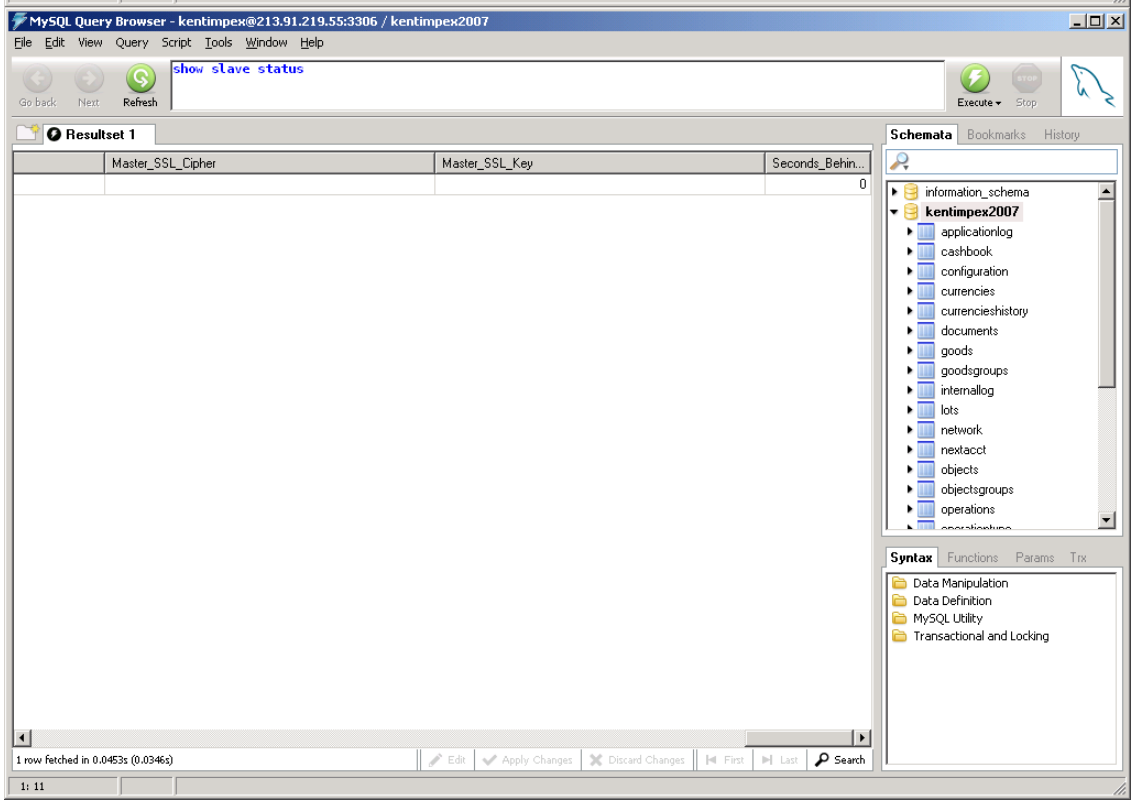
   Примечание: server id для slave идут по порядку и различаются для каждого Slave

3. Перезапустить MySQL Server;
4. В MySQL Query Browser выполнить команду:

```
CHANGE MASTER TO
MASTER_HOST='master_host_name',
MASTER_USER='replication_user_name',
MASTER_PASSWORD='replication_password',
MASTER_LOG_FILE='Logfile',
MASTER_LOG_POS=Log pos;
```

5. В MySQL Query Browser выполнить команду: „start slave”
6. В MySQL Query Browser выполнить команду: „show slave status”, при правильно настроенной репликации в поле „Slave_IO_State” должно быть написано „Waiting for master to send event”, а поле „Seconds_Behind_Master” должно быть отлично от „Null”.





Примечания читателя

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